रजिस्ट्री सं० डी एल—33001/94

REGISTERED NO. DL-33001/94

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 9] नई दिल्ली, शनिवार, फरवरी 26, 1994 (फाल्गुन 7, 1915)

No. 9] NEW DELHI, SATURDAY, FEBRUARY 26, 1994 (PHALGUNA 7, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 26th February 1994

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 26 फरवरी 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवधित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दीप एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिस"

पेटेंट कार्यालय शाखा,
ब्लाक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
रामजली मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पांडिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निज़ाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय को केवल उपर्युक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपर्युक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपर्युक्त कार्यालय अवस्थित है; उस स्थान को अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE AT 204/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent branch are the dates claimed under section 135, of the Patent Act, 1970.

18th January, 1994

25/Cal/94. Westinghouse Electric Corporation. Improvements in or relating to improved system and method for testing electrical Generators.

26/Cal/94. Siemens Aktiengesellschaft Cooling during ventilation operation, of a turbine with a low pressure ratio.

27/Cal/94. McNeil-PPC, Inc Absorbent product provided in roll form.

28/Cal/94. Subimal Chandra Mullick. Recovery of spent chemicals from small paper mills for its reuse.

29/Cal//94. Sanivac Vakuumtechnik GmbH. A device for controlling the working in the operation of a vacuum toilet.

19th January, 1994

30/Cal/94. General Electric Company. Gas turbine fuel nozzle seal

31/Cal/94. Barnett Laboratories Limited. Thrapeutic Composition and method of using same for treatment of hangover.

32/Cal 94. General Electric Company. Duel-Fuel Pre-mixmixing Burner Assembly.

20th January, 1994

33/Cal/94. Gechnomed Gesellschaft Fur Med. Und Med. Techn-Systeme MBH. Procedure and Device for the Determination of the topography of a reflecting surface.

34/Cal/94. Reckitt & Colman of India Ltd. Toothpaste Caps.

35/Cal/94. Polar Fan Industries Ltd. Mobile ceiling fan.

21st January 1994

36/Cal/94. Lichtenberg Feuerfest Gmbh. Precast Eelement of quartz for application at very high temperatures and method for producing such a precast element.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

28th December, 1993

934/MAS/93. Zheng Yue Honduras, Brian Chang Singapore and Lau Klm Khoon Thailand. Method for starting gas-conducting lamp and lamp for carrying out the method.

29th December, 1993

935/MAS/93. Gorantala Sudhakar, Dr. Mullangi Ravindranath, Gorantla Radhakrishna and M/s. Standard Packagings. A reuseable flexible intermediate bulk container.

30th December, 1993

936/MAS/93. Norton Chemical Process Products Corporation. Packing element

937/MAS/93. Plasson Maagan Michael Industries Ltd., Improved pipe coupling.

31st December, 1993

938/MAS/93. Sendhamanglam Parthasarathy Gopalakrishnan. Instan-fix tax tocken holder.

3rd January, 1994

1/MAS/94. Johnskutty Joseph. Latex tapping panel guard.

2/MAS/94. Chao-Cheng Chen; Chao-Jen Chen; Chao-Yi Chen; Chao-Ming Chen. High temperature adiabatic cooking device.

3/MAS/94. Hoechst Aktiengesellschaft. Oxychlorination device.

5th January, 1994

4/MAS/94. Cebal S A. A process for manufacturing a tube with a wall containing more than 60% of plastics material and having a skirt and a necked head and a corresponding tube.

6th January, 1994

5/MAS/94. Rieter Ingolstadt. Device for detecting breakages in textile slivers upstream of a draw frame.

6/MAS/94. Rieter Ingolstadt. Pressure Bar.

7th January, 1994

7/MAS/94 Girivas Vishwanath Shet. A method of preparing ayurvedic anti-virus compound comprising three oils mainly Need Seed oil.

8/MAS/94. SDS Biotech K K. Substituted Benzoyl cyclic enone, process for preparation, and herbicide.

10th January, 1994

9/MAS/94. T. Stanes & Company Limited. Nimbecidine - Vegetable oil including neem oil, enriched with Azadirachtin and the same extracted from neem seed and other parts of neem.

10/MAS/94. Bandgap Technology Corporation. Method and apparatus for delivering gas.

11th January, 1994

11/MAS/94. Murugesan Deva Prasad. A rubber nozzle seal for fuel pumps

12/MAS/94 Monsanto Company. Process for preparing N-substituted-oxazolidine-2, 4-diones.

13th January, 1994

13/MAS/94. A.N. Rajan. Dynamic uninterrupted power supply system.

14/MAS/94. PPV Verwaltungs AG. Apparatus for the oxygen enrichment of air and use of oxygen-enriched air and of nitrogen.

15/MAS/94. Owens-Brockway Glass Container Inc., Method of applying a lable to a container having a curved portion.

16/MAS/94. Rieter Ingolstadt. Draw frame.

17/MAS/94. Rieter Ingolstadt. Spinnereimaschinenbau Aktiengesellschaft. Spinning apparatus.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपर्युक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

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Ind. Class - 195-D [GROUP - XXIX(3)] 173161

Int. Cl.[4] - F 16 K 7/00

A DROOP COMPENSATED REGULATOR VALVE

Applicant : FISHER CONTROLS INTERNATIONAL, INC., A CORPORATION OF THE STATE OF DELAWARE, OF 8000 MARYLAND AVENUE, CLAYTON, MISSOURI - 63105, U.S.A.

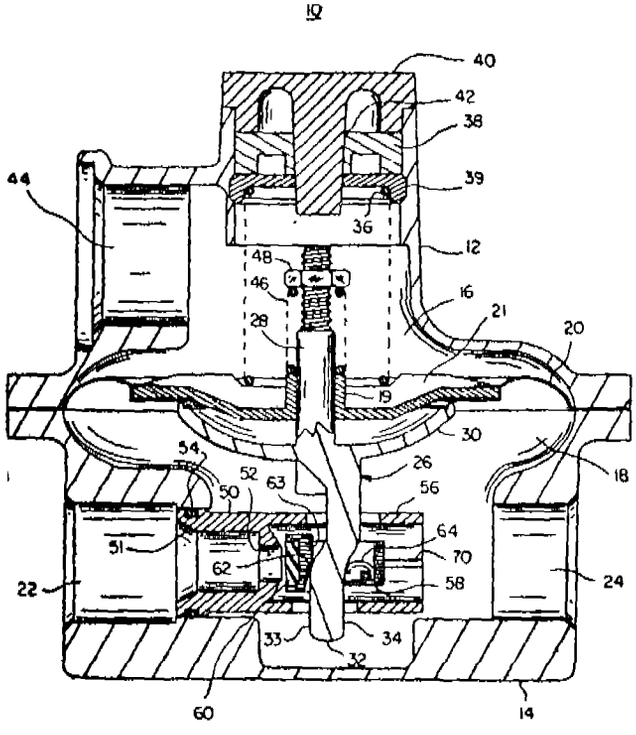
Inventors : (1) DONALD DUANE RICE
(2) MARK ERBY HOOD.

Application No. 160/MAS/89 filed February 27, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

A droop compensated regulator valve having an inlet and an outlet comprising : diaphragm means; means applying a regulating force to one side of said diaphragm means; valve-means coupled to said inlet and having a valve seat and a movable valve disc means movable in a straight line into and out of engagement with said valve seat; stem means coupled to said diaphragm means and having a cam profile for adusting the position of said valve disk mheans with respect to said vave seat responsive to movement of said diaphragm means, and boost means communicating with said outlet for applying pressure to the other side of said diaphragm means.



(Com. - 17 pages; Drwgs. - 4 sheets)

Ind. Class - 195-D - [GROUP - XXIX(3)] 173162

Int. Cl.[4] - B 65D 83/14

AN AEROSOL VALVE DEVICE

Applicant : MOBACC B V. A DUTCH COMPANY, OF DEMETERLAAN 30, 9641 ML VEENDAM, THE NETHERLANDS.

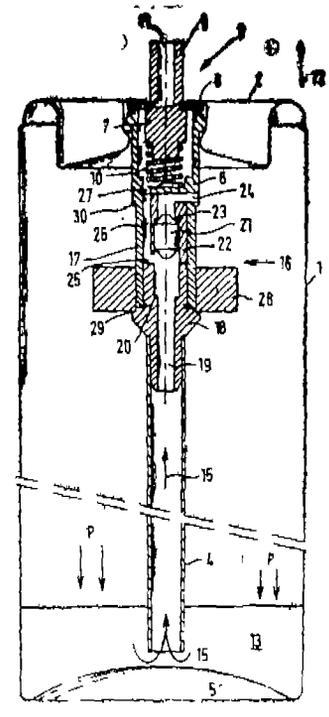
Inventor : ANTONIE PETRUS TEMPLEMAN

Application No. 242/MAS/89 filed March 27, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

An aerosol valve device, suitable in particular for use with spray canisters or other containers from which liquid is forced out in the form of a fine mist, using compressed gas as a propellant, said valve device comprising an aerosol valve and a connector for a riser tube which, in the operative condition, extends nearly to the bottom of an aerosol container, characterised by a two-way valve provided between the aerosol valve and the connector, said two-way valve comprising a body with a central bore, in which two opposed valve seats are formed to seat a valve member movable to and between said valve seats; automatic actuating means for actuating said valve member for controlling the valve member depending on the position of the container; said valve member cooperating with one valve seat to clear a connection between the riser tube and the aerosol valve and simultaneously to block a connection between the direct surroundings of the two-way valve and the aerosol valve, and said valve member cooperating with the other valve seat to block the connection between the riser tube and the aerosol valve and at the same time to clear a connection between the direct surrounds of the two-way valve and the aerosol valve.



(Com. - 18 pages; Drwgs. - 2 sheets)

Ind. Class - 32-C-[GROUP - IX(1)] 173163

Int. Cl.[4] - C 12 P 21/00

A PROCESS FOR THE PRODUCTION OF HETEROLOGOUS PEPTIDES

Applicant : ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS MALLESWARAM, BANGALORE-560 003, KARNATAKA STATE, INDIA.

Inventors : (1) GOUTAM DAS
(2) TANJORE SOUNDARARAJAN BALGANESH
(3) SANDHYA SRIKANTH VISWESWARIAH
(4) RAJNI KAUL

Application and Provisional Specification No. 52/MAS/90 filed January 18, 1990.

Complete Specification left April 18, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A process for production of heterologous peptides which comprises of :

(a) fusing in frame a DNA sequence coding for E Coli ST pre-pro sequence coding (single letter code) M K K S I L M I F L S V L S F S P F A Q D A K P V E S S K E K I T K E S K K C N I A K K S N K S G P E S M with a DNA sequence coding for a peptide by known recombinant DNA methods.

(b) ligation of the DNA product from step (a) to an E. Coli plasmid such as herein described,

(c) transformation of E Coli host containing the plasmid construct from step (b),

(d) growing the E. Coli host in a known culturel medium,

(e) isolation and purification of the peptides by known methods.

(Prov. - 19 pages; Com. - 25 pages; Drwgs. - 7 sheets)

Ind. Class - 55 - F - [GROUP - XIX(1)] 173164

Int. Cl.[4] - A6 1 B 5/00

A METHOD FOR PREPARING A DIAGNOSTIC KIT

Applicant : ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE - 560 003, KARNATAKA STATE.

Inventors : (1) KASIRAJAN AYYANATHAN
(2) Dr. SANTANU DATTA

Application and Provisional Specification No. 230/MAS/90 filed March 30, 1990.

Complete Specification left : June 27, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A method for preparing a diagnostic kit for the detection of a given nucleotide sequence in a target polynucleotide sequence of a pathogen, comprising,

a. a chemical compound such as a microtitel plate coated with a hybridization probe comprising a novel single stranded 63 mercligonucleotide (fo3) having the sequence given below :

AGGTCTTAACATGACTAATAAGSTCTTAACT
TAACTAACTTAGGTCTTACTTTAACTAAACT

or its complimentary strand or the corresponding double stranded sequence :

b. a lysing solution containing Guanidine Hydrochloride (GuHcl) Sodium lauryl sarcosine (SLS) and Triton-x-100;

c. a regent such as herein described for performing hybridization and capture of hybirds which includes a biotinylated polynucleotide probe;

d. a washing solution comprising standard Saline citrate (SSC), Sodium dodecyl sulphate (SDS) and Triton-x-100;

e. a known chemical compound such as Streptavidin-alkaline phosphate conjugate and the like and a substrate like p-nitrophenyl phosphate and the like for colourimetric detection;

by packaging the materials of a, b, c, d and e.

(Prov. - 17 pages; Com. - 22 pages; Drwgs. - 2 sheets)

Ind. Class - 32-E - [GROUP - IX(1)] 173165

Int. Cl.[4] - C 08 1 27/06

A PROCESS FOR MANUFACTURING A VINYL CHLORIDE POLYMER COMPOSITION

Applicant : UNION CARBIDE CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, U. S. A., OF OLD RIDGEBURY ROAD, DANBURY, SATE OF CONNECTICUT 06817, U.S.A.

Inventors : (1) DONALD FOSS SMITH
(2) ISMAIL COLON

Application No 762/MAS/90 filed September 25, 1990.

Divisional to Patent Application No. 757/MAS/87; Antedated to October 20, 1987

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims (No Drawing)

A process for manufacturing a vinyl chloride polymer composition comprising admixing :

(a) vinyl chloride in an amount of 70 to 90 percent by weight;

(b) hydroxyalkyl acrylate in an amount to provide 0.5 to 3 percent by weight hydroxyl groups, and

(c) an acid selected from acrylic acid, methacrylic acid, itaconic acid, fumeric acid and maleic acid in an amount to provide 0.05 to 0.3 percent by weight carboxyl groups, to obtain the vinyl chloride polymer composition.

(Com. - 35 pages)

Ind Class - 32-E-[GROUP - IX(1)] 173166

Int. Cl.[4] - C 08 F 10/00

PROCESS FOR THE (CO) POLYMERIZATION OF ETHYLENE AND OPTIONALLY MINOR AMOUNTS OF 1-ALKENES AND/OR DIENES INTO POLYTHYLENE

Applicant : STAMICARBON B V, A NETHERLANDS COMPANY, OF MIJNWEG 1, 6167 AC GELEEN, THE NETHERLANDS.

Inventors : (1) JOHANNES BLENKERS
(2) LUC MARIA CONSTANT COOSEMANS

Application No. 794/MAS/90 filed October 8, 1990.

Divisional to Patent Application No. 969/MAS/86; Antedated to 12 December, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims (No drawing)

Process for the (co) polymerization of ethylene and optionally minor amounts of 1-alkenes and/or dienes into polythylene with a sufficiently high molecular weight and good processability, wherein polymerization is effected at a temperature above 180°C while using a catalyst system comprising

A : one or more titanium compounds belonging to the compounds of the general formula $Ti(OR^1)_{4-n}X^1_n$ and/or $Ti(OR^2)_{3-m}X^2_m$, where the symbols R^1 and R^2 are equal or different and represent hydrocarbon residues with 1-20 carbon atoms, X^1 and X^2 represent halogen atoms, $0 \leq n \leq 4$ and $0 \leq m \leq 3$, and one or more vanadium compounds

belonging to the compounds of the general formula $VO(OR^3)_{3-p}X^3_p$, where R^3 represents a hydrocarbon residue with 1-20 carbon atoms, X^3 represents a halogen atom and $0 \leqslant p \leqslant 3$, mixed with one or more organoaluminium compounds belonging to the compounds of the general formula $R^4_q AlX_{3-q}$, where the symbols R^4 are equal or different represent a hydrocarbon residue with 1-20 carbon atoms, X represents a halogen atom and $0 \leqslant q \leqslant 3$, in such an amount that the atomic ratio of aluminium to the sum of titanium and vanadium is at least 3,

B : one or more organoaluminium compounds, belonging to the compounds of the general formula $R^5_s AlY_{3-s}$, where the symbols R^5 are equal or different and represent a hydrocarbon residue with 1-20 carbon atoms, Y represents a hydrogen atom, a hydrocarbon residue with 1-20 carbon atoms, a group of the general formula -NR^6 (where R^6 is a hydrocarbon residue with 1-10 carbon atoms), or a group of the general formula -OR^7 (where R^7 is a hydrocarbon residue with 1-20 carbon atoms or a group of the general formula -$Si(R^8)_3$, where the symbols R^8 are equal or different and represent a hydrogen atom and/or a hydrocarbon residue with 1-20 carbon atoms), and $0 \leqslant s \leqslant 3$, one or both of components A and B containing a chloride, and which two components are fed, separately or in combination, direct, without heating above 150°C and without recovery of a precipitate, to the reaction vessel in such an amount that the atomic ratio of the chlorine from components A and/or B to the sum of titanium and vanadium of component A is at least 6.

(Compl. Specn. 26 pages)

Ind. Class - 128-G&K - [GROUP - XIX(2)] 173167

Int. Cl.[5] - A 61 B 17/08; 17/10

A BONE STAPLER ADAPTED FOR USE WITH GENERALLY U-SHAPED STAPLES.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, U.S.A., OF 3M CENTRE, SAINT PAUL, MINNESOTA 55144-1000, U.S.A.

Inventor : DOUGLAS RAYMOND MONGEON.

Application No. 973/MAS/90 filed December 3, 1990.

Divisional to Patent Application No. 99/MAS/87, Antedated to February 13, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

9 Claims

A bone stapler adapted for use with generally U-shaped staples each having a central portion and two parallel leg portions projecting generally in the same direction from opposite ends of its central portion and having distal ends, said stapler comprising :

a barrel assembly having—

a first housing part with a passageway extending from an inlet opening to an outlet opening, for guiding a single staple from the inlet to the outlet opening with the distal ends of its legs leading, and defining a socket for releasably receiving a cartridge containing staples at said inlet opening;

an elongate driver having an axis; an inner end portion, and an opposite contact end portion for engaging the central portion of said staple, said driver being mounted on said first housing part for longitudinal sliding movement between a load position with the driver spaced from the socket and inlet opening to afford movement of one of the staples into the passageway, along said passageway with said contact end portion pushing the staple, to an eject position at which the contact end portion of the driver pushes the staple out said outlet opening while restricting rotation of said driver relative to said first housing part;

a handle assembly having—

a second housing part; and

drive means having a piston assembly having an axis, mounted on said second housing part, and adapted to be manually activated for moving said piston assembly between first and second positions; and

means for releasably attaching together said barrel assembly and said handle assembly having means for releasably attaching together said first and second housing parts and for releasably attaching together said piston assembly and the inner end portion of said driver so that movement of said piston assembly between said first and second position will cause corresponding movement of said driver between said load and eject position to move said staple from said inlet to said outlet opening

said inner portion (42) of said driver (32) is plate-like, has an end surface (51), and has at least one opening (52) spaced from said end surface (51),

said piston assembly (40) has an end portion having walls defining a transverse slot (54) receiving the inner end portion (42) of said driver (32), and having at least one pin (56) projecting from one of said walls into said slot (54) at a position spaced from the axis of said piston assembly (40) and in a direction generally normal to the axis of said piston assembly (40), said slot being shaped to afford rotational movement of said inner end portion (42) of said driver (32) about said axis within said slot (54) between a release position with said pin (56) spaced from said opening (52), and an engaged position with said pin (56) positioned within said opening (52) to provide said means for releasably attaching together said piston assembly (40) and the inner end portion of said driver (32);

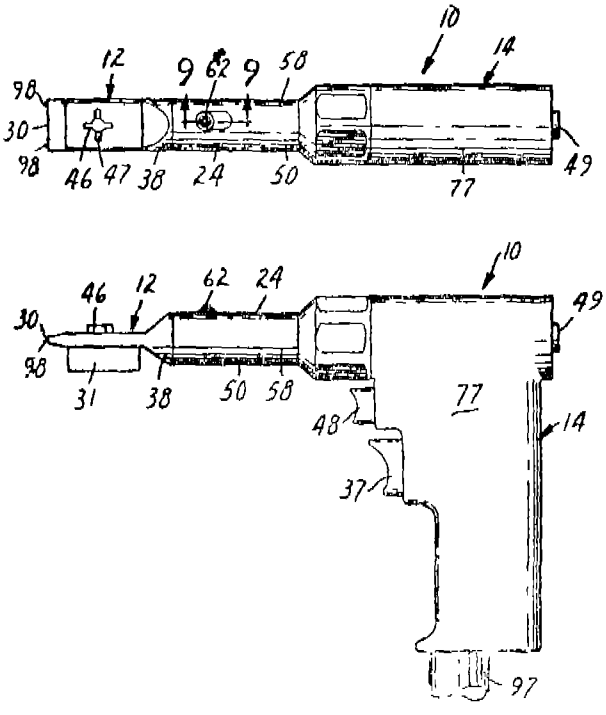
said second housing part (50) has a first housing portion (58) guiding the end portion of said piston assembly (40) for movement between said first and second positions while preventing relative rotation between said first housing portion (58) and said end portion of said piston assembly (40);

said means for fastening together said first and second housing parts (38, 50) comprises structures on said housing parts (38, 50) engageable at an engaged position at which said inner end portion (42) of said driver (32) is positioned in said slot (54) in said release position of said driver (32), and relatively movable to a lock position at which said housing parts (38, 50) are immovable in the axial direction of said driver and piston assemblies (32, 40) moving said inner end portion (42) of said driver (32) and said end portion of the piston assembly (40) to said engaged position;

means for releasably retaining said housing parts (38, 50) in said lock position; and

said handle assembly has a second housing portion (77) for grasping manually by a user, and means for mounting

said first housing portion (58) on said second housing portion (77) for relative rotation about the axis of said piston assembly (40).



(Com.—26 pages; Drwgs.—3 sheets)

Ind. Class - 146-D1 - [GROUP - XXXVIII(2)] 173168

Int. Cl.* - G 02 B 27/22

A STEREOSCOPIC VFIWER

Applicant : VIEW-MASTER IDEAL GROUP, INC., A DELAWARE CORPORATION, UNITED STATES OF AMERICA, OF 200 FIFTH AVENUE, NEW YORK, NEW YORK 10010, UNITED STATES OF AMERICA.

Inventors : (1) ALAN G. LEWIS
(2) MARTIN (nmi) THALER
(3) DAVID M. GRESHAM

Application No. 36/MAS/91 filed January 21, 1991.

Divisional to Patent Application No. 313/MAS/87; Antedated to May 1, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A stereoscopic viewer for a plurality of discrete film images equally spaced peripherally around the edge of a disc-shaped card, said film inmages being arranged in sterio-pairs of images which provide a stereoscopic effect when said pairs are viewed together through a pair of eyepiece each having a magnifying lens with a focal plane, said card having a plurality of equally spaced radial slots thereabound and circularly arranged printed indicia thereon, said viewer comprising :

a housing including a rear element and a front element, said rear element being completely translucent and having a rear face and a peripheral flange, said rear element having a substantially semicircular bottom portion, and a top portion comprising a first flat top part extending partially across said rear element above a first of said eyepiece, and a substantially rectangular finger grip defining portion extending across the remainder of said rear element above a second of said eyepiece and having a second flat top part with height greater than the height of said first flat top part, said rear face carrying a detent comprised of a pair of indexing means for registering with a pair of said slots in said card to hold said card selectively stationary with said pair of images aligned in front of said eyepiece;

said front element including a flate opaque front face having a peripheral flange therearound which mates with said rear face peripheral flange along substantially the entire peripheries of said front and rear face flanges, said front element having a rectangular cutaway portion between said eyepiece through which said printed indicia on said card can be viewed, said front element having a finger grip defining portion opposing said finger grip defining portion of said rear element, said finger grip defining portions of said front and rear elements defining a trigger area therebetween, said front element also forming a cylindrical receptacle;

an advancing plate for incrementally advancing said card sequentially to view pairs of images on said card, said plate having a hub which projects into said receptacle and rotates relative thereto such that said place is oscillatable about an axis perpendicular to said face, between a rest position in which said pair of images are viewed through said eyepiece and an advanced position, said plate having a flat top trigger engaging portion projecting into and across said trigger area between said finger gripping portions of said front and back elements, said advancing plate being cutaway adjacent said trigger engaging portion so as to extend below said cutaway portion and the bottom of said first eyepiece such that said plate does not obstruct said first eyepiece and the printed indicia on said card when said plate is in said rest position;

said plate further comprising a boss adjacent said hub in the direction of said trigger engaging portion, and a window means in register with said second eyepiece when said plate is in said rest position for framing one of said pair of images;

spring means connected between said plate and said front face for biasing said plate toward said rest position;

trigger means for moving said plate from said rest to said advanced position, said trigger means including;

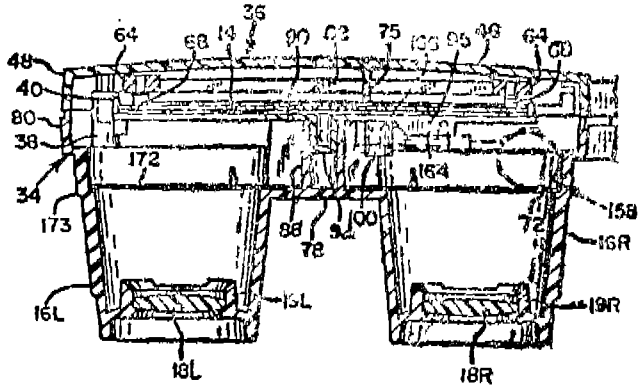
a cylindrical actuator extending throgh said peripheral flange on said second flat top part of said front element and projecting upwardly from said finger grip member;

a leg depending from said cylindrical actuator said leg having a finger means engaging said flat top trigger engaging portion of said plate when said plate is in said rest position for imparting initial rotation to said plate, and lower finger means for pushing said boss to complete said movement of said plate to said advanced position, said lower finger means being out of engagement with said boss when said plate is in said rest position;

engaging means on said plate for engaging and rotating said card as said plate moves from said rest to said advanced position, said engaging means comprising a yieldable arm on said plate, said are carrying a pawl for engaging in one of said slots on said card, said pawl having a flat leading face which engages an edge of said slot to advance said card when said plate rotates from said rest to said advanced position, and a curved trailing face which disengages said pawl from said slot when said plate returns to said rest position, said pawl being inclined at an acute angle to said plate in the direction said plate moves to reach said advanced position; and

an opaque mask in front of said focal plane of said lenses between said lenses and said card, said mask having an opening in front of each lens, each opening being a sufficient size

and distance from said card to allow viewing of only one framed image through each lens.



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(Com.—26 pages; Drwgs.—3 sheets)

Ind. Class : 105-C [Group-XLI(7)] 173169

Int. Cl.[4] : G 08 C 19/10

A CAPACITANCE TYPE TRANSDUCER FOR MEASURING POSITIONS.

Applicant : MITUTOYO CORPORATION, A JAPANESE CORPORATION, OF 5-31-19, SHIBA, MINATO-KU, TOKYO, JAPAN.

Inventor : NILS I. ANDERMO.

Application No. 186/Mas/91 filed on March 4, 1991.

Divisional to Patent Application No. 263/Mas/87 filed on April 8, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A capacitance type transducer for measuring positions characterized in that it has a first scale and a second scale which are positioned close to each other and displaceable relatively to each other,

the aforesaid first scale is provided with first transmitting electrodes to which A.C. signals are supplied as well as first coarse/fine receiving electrodes and first medium/fine receiving electrodes which are each positioned in an insulated state with respect to the aforesaid first transmitting electrodes and to which a measuring circuit is connected,

the aforesaid second scale is provided with second receiving electrodes which consist of groups of electrodes positioned along the relative displacement direction at positions where they can face towards the aforesaid first transmitting electrodes and which are coupled capacitively with the first transmitting electrodes, and second coarse/fine transmitting electrodes and second medium/fine receiving electrodes which consist of groups of electrodes positioned along the relative displacement direction at positions where they can face towards the first course/fine receiving electrodes and the first medium/fine receiving electrodes and which are each coupled capacitively with the first coarse/fine receiving electrodes and the first medium/fine receiving electrodes,

the second receiving electrodes and the second coarse/fine transmitting electrodes are connected electrically with each other by coupling electrodes,

the connected second receiving electrodes and second coarse/fine transmitting electrodes are each given different coarse deflections within the entire measuring range along the relative displacement direction,

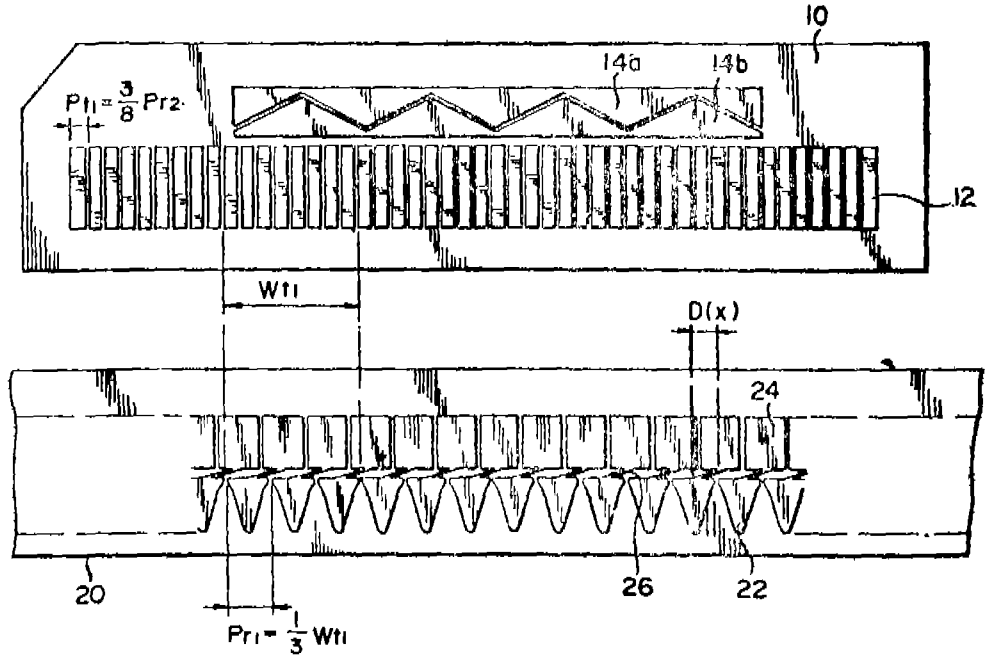
coarse absolute measurements are carried out along the entire measuring range by means of the aforesaid coarse deflections which are specified for each relative displacement position,

the aforesaid second receiving electrodes and second medium/fine transmitting electrodes are connected electrically with each other by coupling electrodes and the connected second receiving electrodes and second medium/fine transmitting electrodes are each given different medium deflections along the relative displacement direction within the medium measuring range equal to the aforesaid entire measuring range divided into specified fractions,

medium absolute measurements are made within the medium measuring range by means of the aforesaid medium deflections specified for each relative displacement position,

the aforesaid second receiving electrodes consist of a number of electerodes having an equally spaced pitch equal to the transmitting wavelength pitch of the aforesaid group of first transmitting electrodes divided by a specific integer,

and the aforesaid medium dimensions are measured finely with a scale precision equal to the aforesaid second receiving electrode pitch divided by the number of transmitting electrodes within the aforesaid group of first transmitting electrodes.



(Comp. 112 pages Drwgs. 29 sheets)

Ind. Cl. : 55-E4-[Group-XIV(3)] 173170

Int. Cl.[5] : A 61 K 43/00

PROCESS FOR PREPARING A RADIOPHARMACEUTICAL FORMULATION.

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 2030 DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U.S.A.

Inventors : (1) JAIME SIMON (2) JOSEPH R. GARLICK (3) R. KAITH FRANK (4) KENNETH McMILLAN.

Application No. 462/Mas/91 filed on June 17, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

A process for preparing a radiopharmaceutical formulation which comprises : reacting a radio active metal selected from Samarium-153, Holmium-166, Yetterbium-175, Lutetium 177, Yttrium-90 and Gadolinium-159 with a ligand selected from ethylenediamine-tetramethylene-phosphonic acid, diethylenetriaminepentamethylene-phosphonic acid, hydroxyethylethylenediaminetri-methylenephosphonic acid, nitrilotrimethylene-phosphonic acid, tris (2-aminoethyl) aminehexamethylene-phosphonic acid, 1-carboxyethylene-diaminetetra-methylenephosphonic acid, bis (aminoethyl-piperazine)-tetramethylene phosphonic acid, 1, 4, 7, 10-tetraaza-cyclododecanetetramethylene phosphonic acid, and physiologically-acceptable salts thereof, to form a complex; freezing the complex by using liquid nitrogen, dry ice or acetone-dry ice; and thawing the complex prior to use; wherein a divalent metal ionor its compound is optionally added in a amount not exceeding 5 mol per mol of the ligand in the formulation.

(Comp. 35 pages; Drwgs. 2 sheets)

Ind. Cl. : 32 F3 (a) 173171

Int. Cl. : C07C-179/00, 179/06.

AN IMPROVED PROCESS FOR THE PREPARATION OF DI-TERTIARY-BUTYL PEROXIDE.

Applicants : INDIAN OIL CORPORATION LTD OF G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), BOMBAY-400051, MAHARASHTRA, INDIA OF A GOVERNMENT OF INDIA UNDERTAKING.

Inventors : 1. DR. ANURAG ATEET GUPTA, 2. KRISHAN KUMAR SWAMI, 3. AMBRISH KUMAR MISRA, 4. NADIMINTI VENKATA RAMANA APPARAO, 5. DR. AKHILESH KUMAR BHATNAGAR.

Application No. 315/Bom/90 filed on 03-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

6 Claims

An improved process for the preparation of ditert-butyl peroxide synthetically from tert butyl alcohol which comprises in a single step reaction by subjecting said alcohol to the step of oxidation under stirring conditions in the presence of an oxidant mixture comprising of hydrogen peroxide and sulphuric acid till alcohol is converted to said peroxide, the ratio of oxidant mixture i.e. H_2O_2 (30%) and H_2SO_4 (70%) is 0.6 : 1.5 to 1 : 1.5, said step of oxidation is carried out at a temperature of 0-50°C for a time of between 0.5 to 6 hours.

(Comp. Specn. 14 pages. Drg. Nil)

Ind. Cl. : 32 F2 (b) [IX (1)] 173172
55E2+E4 [XIX (1)]

Int. Cl. : C 12 P 17/04.

A PROCESS FOR THE PRODUCTION OF NEW ANTIBIOTICS ARANOROSINOL A ARANODOSINOL B FROM THE MICROORGANISM PSEUDO ARACHANIOTUS ROSEUS KUEHN (CULTURE NUMBER Y-30499).

Applicants : HOECHST INDIA LTD; HOECHST HOUSE, NARIMAN POINT, 193, BACKBAY RECLAMATION, BOMBAY-400 021. MAHARASHTRA, INDIA.

Inventors : KIRITY ROY, 2. ERRA KOTESWARA SATYA VIJAYANKUMAR, 3. RAVI GAJARNAN BHAT, 4. TRIPTIKUMAR MUKHOPADHYAY, 5. BIMAL NARESH GANGULI.

Application No. 27/Bom/1991, filed on Jan 25, 1991.

Comp. after prov. left on Jan 15, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

6 Claims

A process for the production of new antibiotics Aranorosinol A and Aranorosionol B of the formula shown in Fig. 1 of the drawings accompanying this specification, wherein R is H (Aranorosionol A) or OH_2 COCH (ranorosinol B) from the microorganism Pseudoarachniotu roseus kuehn (culture number Y-30499) comprising cultivating the microorganism by fermentation under aerobic conditions in a nutrient medium herein described at 24 to 30°C and pH 6.0 to 8.0 and isolating and purifying the antibiotics from the culture broth.

(Comp. Specn. 15 pages. Drg. 1 sheet)
(Prov. Specn. 12 pages. Drgs. 7 sheets)

Ind. Cl. : 164 C II (3), 201 D II (4) 173173

Int. Cl. : C02F-9/00

AN IMPROVED PLANT FOR TREATMENT OF SPENT WASH TO PRODUCE POWDERED FUEL FOR GENERATING ENERGY WITH MINIMUM POLLUTION.

Applicants : VASANTDADA SUGAR INSTITUTE, MANJARI (BK) 412 307. TAL HAVELI, DIST. PUNE, MAHARASHTRA STATE, INDIA.

Inventors : 1. DR. DNYANDEO GANGARAM HAPASE. 2. SHRI BABAN BABURAO GUNJAL, 3. TUSHAR SHARASCHANDRA INGLE, 4. SHRI UTTAM MANOHAR KALE, 5. SHRI LAXMINARAYAN SUBRAMANI.

Application No. 121/Bom/91 filed on 2-5-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

1 Claim

1. An improved plant for treatment of spent wash to produce fuel for generating energy with minimum pollution comprising in combination a concentration module, a drying module and a steam generation module, the said concentration module consisting of a main feed tank for feeding the spent wash of around 18 to 20 Brix concentration received from the distillery, a pump for transferring the said spent wash from the said feed tank to a series of evaporators wherein the hot steam is let in for evaporation of the said spent wash while descending down over the inner walls of the said evaporators thereby producing concentrated spent wash of 60 Brix the resultant condensate is fed to the boiler of the said steam generation module, the finally concentrated spent wash being collected in a tank and fed to the drying module comprising a drying chamber having an atomiser

to convert the said concentrated spent wash into fine droplets which are instantly dried by passing hot flue gases to form dry powder which descends down the wall of the drying chamber and collected at the bottom in a storage tank to be pumped into fluidised bed combustion-grate of the boiler of steam generating module; the hot gases along with some solid fuel particles from the said drying chamber are passed through cyclone separators provided in series for separation of hot gases and solid fuel particles and the said hot gases are used in the pre-heating chamber provided before the said drying chamber and the solid fuel particles are collecteed in the said storage tank.

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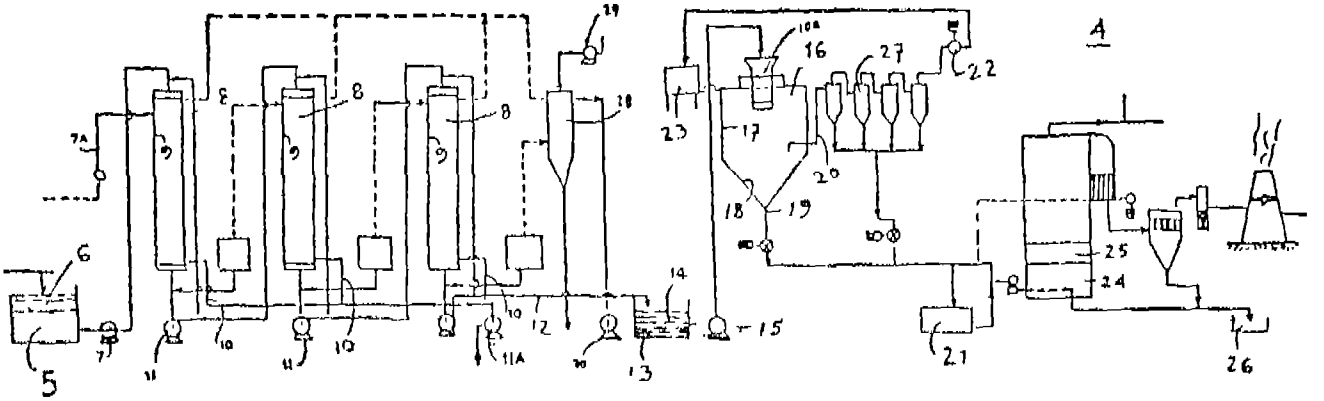


1 FIG 1

(Comp. Specn. 6 pages. Drg. 1 sheet)

Ind. Cl. : 195 A [XXIX (3)] 173174

Int. Cl. : F 16K 33/00

A FLOAT VALVE FOR REGULATING FLOW OF WATER INTO A CONTAINER.

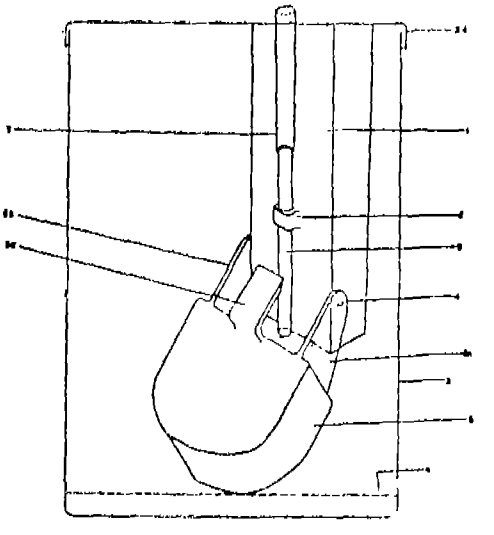
Applicants : PRADEEP SINHA, 899/3 GIDC MAKARPURA, BARODA 390 010, GUJARAT STATE, INDIA.

Application No. 185/Bom/1991 filed on June, 24, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

4 Claims

A float valve for regulating flow of water into a container consisting of a support member vertically disposed and mounted in said container, a float one end of which is provided with a pair of spaced apart lateral arms pivoted on said support member such that said one end of said float is in spaced apart relationship with said support member, said one end of said float being provided with a projection directed towards said support member, the tip of said projection being in spaced apart relationship with said support member and a flexible tube vertically disposed and clamped on said support member and confronting the tip of said projection, one end of said tube being connected to a pipe through which water flows into said container and the other end of said tube extending to the lower end of said support member.



(Comp. Specn. 7 pages. Drgs. 4 sheets)

Ind. Cl. : 129 C Gr. [XXXV] 173175

Int. Cl : B 23 B-51/08.

A ROUGHING AND FINISHING COMBINATION TOOL FOR MAKING HOLES IN METAL/METAL ALLOY COMPONENTS IN ONE OPERATION AND ONE MACHINE.

Applicant : TATA ENGINEERING AND LOCOMOTIVE COMPANY LIMITED, AN INDIAN COMPANY HAVING

ITS REGISTERED OFFICE AT BOMBAY HOUSE, 24 HOMI MODY STREET, BOMBAY-400 023, MAHARASHTRA, INDIA.

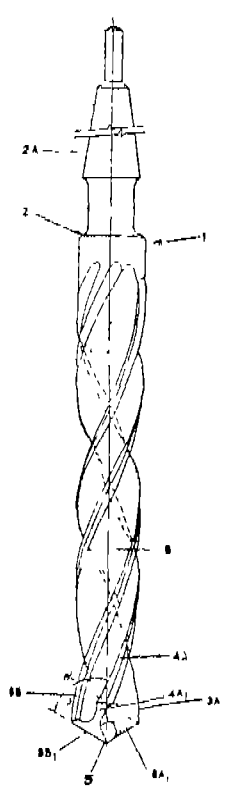
Inventor : KALLINGAL KARUNAKARAN.

Application No. 235/Bom/1991 filed on 14-08-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

3 Claims

A roughing and finishing combination tool for making holes in metal/metal alloy components in one operation and one machine comprising a shank provided with a pair of oppositely disposed right hand helical cutting flutes of uniform diameter and a pair of oppositely disposed right hand helical finishing flutes of uniform diameter, said finishing flutes being spaced apart from and alternating with said cutting flutes and provided with a larger diameter than said cutting flutes along the entire length thereof, said finishing flutes having a back taper of 0.01 to 0.02 mm per 100 mm flute length from the outer corner of the chisel edges of said finishing flutes to the rear ends of said finishing flutes, the chisel edges of said flutes making entry angles of 45° to 60° with the axis of said shank and the web of said flutes at the chisel edges thereof being thinned to a thickness of 1.5 to 2.0 mm, the driven end of said shank being adopted to be mounted on a machine spindle.



(Comp. Speen. 9 pages. Dig. 1 sheet)

Ind. Cl. : 140 A1+A2. 173176

Int. Cl. : C10M 145/14, 149/22.

A PROCESS FOR THE PRODUCTION OF A LUBRICATING OIL ADDITIVE BASED ON MINERAL OIL CONCENTRATE OF NOVEL OIL SOLUBLE PARTLY AMINATED ALKYL METHAORYLATE POLYMERS CONTAINING BRANCHED CHAIN AKUL GROUPS WITH 8 TO 12 ATOMS AND HAVING DISPERSANCY AND VICOSITY INDEX IMPROVER PROPERTIES.

Applicants : LUBRIZOL INDIA LTD., LEO HOUSE, 4th FLOOR, 88C OLD PRABHADEVI ROAD, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : 1. ASHOK MAMMEN, 2. ALURU SUDAR SHANA SARMA, 3. KANAI LAL MALLIK & 4. PRANAB KUMAR RUDRA.

Application No. 330/Bom/91 filed on Oct. 31, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

3 Claims

A process for the production of a lubricating oil additive based on mineral oil concentrate of novel oil soluble partly aminated alkyl methacrylate polymers containing branched alkyl groups with 8 to 12 carbon atoms and having dispersancy and viscosity index improver properties consisting of :

(i) polymerising an alkyl methacrylate monomer with an initiator in a polymerisation medium at 50 to 150°C, said monomer containing branched chain alkyl groups with 8 to 12 carbon atoms, said initiator being an azo bis compound such as 2, 2'-azobisisobutyronitrile (AIBN) and capable of initiating the polymerisation reaction at 50 to 100°C and constituting 0.1 to 2.0% by weight of said monomer, said monomer, said polymerisation medium consisting of an aromatic hydrocarbon solvent having a boiling point of 70 to 150°C and constituting 30 to 70% by weight of the polymerisation reaction mixture;

(ii) removing the solvent in the polymerisation reaction mixture in a known manner such as distillation;

(iii) diluting the alkyl methacrylate polymer with a neutral mineral oil having a viscosity of 5 to 11 cSt/at 100°C to obtain an oil concentrate containing 55 to 65% by weight of the polymer;

(iv) reacting the oil concentrate of the polymer with an amine containing multi-nitrogen linkage such as herein described at 150 to 220°C; and

(v) removing the alcohol and unreacted amine from the reaction mixture in a known manner such as distillation under vacuum.

(Comp. Speen. 21 pages. Dig. Nil)

Ind. Cl. : 6 B3 17317/

Int. Cl. : B 01 D 25, 00.

AN IMPROVED AIR FILTER FOR AN EXPRESSUR OF DIESEL ELECTRIC LOCOMOTIVES.

Applicants : KIRLOSKAR PNEUMATIC CO. LTD., HADAPSAR INDUSTRIAL ESTATE, PUNE-411 013, MAHARASHTRA STATE, INDIA AN INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANY'S ACT, 1956.

Inventor : GIRISH YESHWANT DABADGHAV.

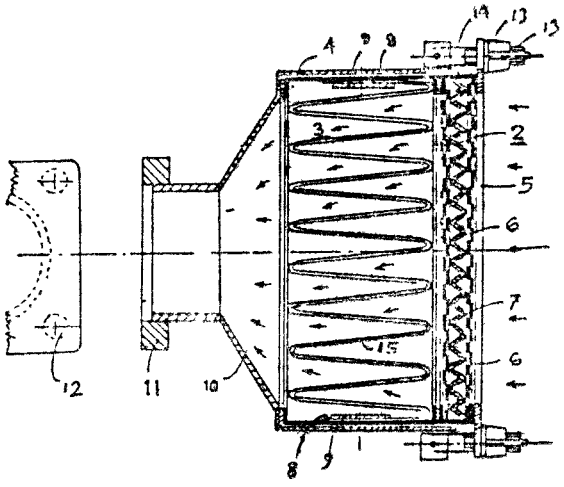
Application No. 13/BOM/92 filed on 10-01-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch-400 013.

1 Claim

An improved Air filter for an expressur of diesel electric locomotives comprising a compact assembly of two filter elements housed in a strong container characterised in that the first filter element is a pre-filter accommodated in the front cover and is made up of pleated wire mesh having on its each side a coarse wire mesh, the said second filter is a fine filter made up of a pleated polyurethene fibre sheet, two free ends of which are fixed on the inner side of the upper and

lower walls, there being provided a funnel type outlet and a flanged fixture for fitting the assembly of the air filter over the expressur in vogue.



(Comp. Specn. 05 Pages Drwngs 01 sheet)

Ind. Cl. : 48 B+D 173178

Int. Cl. : F 16 G—11/02.
H 02 G—1/06 &
F 16 L—3/00.

IMPROVED VENTILATABLE ELECTRICALLY AND THERMALLY INSULATED FLEXIBLE DUCTING.

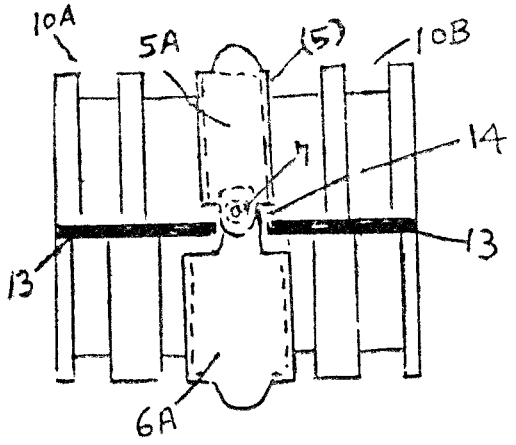
Applicant & Inventor : SUHAS VISHWANATH MUJUMDAR AN INDIAN CITIZEN, A-1 KANCHANGAURI SOCIETY KANCHANGALLI, ERANDWANA, PUNE-411 004, MAHARASHTRA, INDIA.

Application No. 65/BOM/92 filed on 28-02-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

12 Claims

Improved ventilatable electrically and thermally insulated articulated flexible carrier ducting comprising plurality of ducting link units staggered and linked to each other by means of interconnectable pivotally attached bracket sections or by inter meshed dimples provided on said bracket sections forming pivot pins and wherein each of said ducting link unit comprising a combination of a pivotally attached interconnectable coupling band fitted over adjacent staggered ducting frames and characterized in that said rivets forming pivot pins comprising a combination of an expandable hollow rivet and a detachably fixable locking plug for linking upper and lower half bracket sections to form an interconnectable coupling band or said pivot comprising a combination of embossed dimples provided on each extension arm of respective bracket sections adapted to get meshed and form a pivot and further in that the first and last of end coupling bands of said articulated flexible carrier ducting being fitted with an end coupling socket having on its one side a grooved ring and the other said thereof carries a pair of spaced holes for fixing said end coupling to respective fixed and a moving consuming connection of a device by fixing screws and characterised further in that embossed rib on web of said bottom frame section of said coupling band being provided with spaced vent holes for ventilating said ducting and said pivotally attached ducting frame units providing limited axial movement around respective pivot pins during 'to-and-fro' travel of said moving consumer connection with respect to said fixed connection of said device.



(Comp. Specn. 17 pages. Drwngs. 02 sheets)

Ind. Cl. : 6A 4 [XLVII (1)] 173179

Int. Cl. : B 08 B—5/04.

AN IMPROVED DEVICE FOR SUCKING THE CUTTINGS OF DIP MOULDED CONTAINERS OF AN AUTOMATIC DIP MOULDED CONTAINER MANUFACTURING PLANT.

Applicant : SCITECH CENTRE OF 131, KANDIVLI INDUSTRIAL ESTATE, KANDIVLI (WEST), BOMBAY-400 067, MHARASHTRA STATE, INDIA, AN INDIAN COMPANY.

Inventor : MR. PRAKASH HARISHCHANDRA DESHMUKH.

Application No. 93/BOM/92 filed on 27-3-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

2 Claims

An improved device for sucking the cuttings of dip moulded containers of an automatic dip moulded container manufacturing plant comprising of a substantially 'Y' shaped chute having twin vacuum duct provided in front of the autoheads of the said plant at a level, below the uppermost position of the top decks of the autoheads, a suction valve provided in the said chute for opening and closing the said twin vacuum duct at predetermined interval of time with the help of cam and link mechanism, the power of transmission being taken from the main drive of the plant, a substantially 'U' shaped perforated tube being fitted under the cutting section of each autohead, the said tube being provided with a number of

nozzles for blowing the air therethrough to direct the cuttings towards each inlet of the chute for further sucking down through the twin vacuum duct and collected separately without cross contamination.

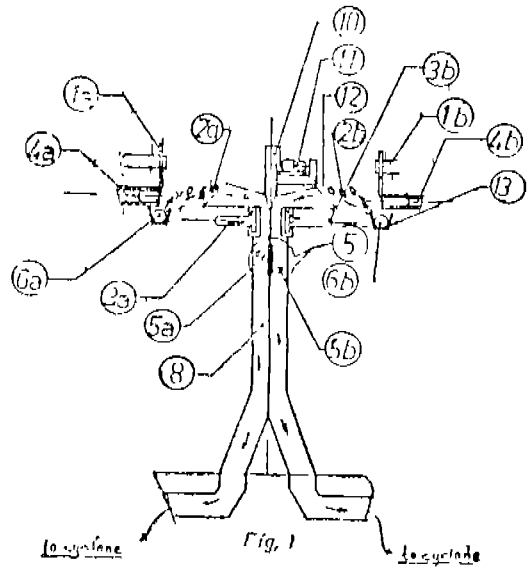


Fig. 1

(Comp. Speen. 8 pages. Drgs. 1 sheet)

Ind. Cl. : 104D [XII (1)] + 136 D [XIII] 173170

Int. Cl.: B29 C—47/00.

A PROCESS FOR MANUFACTURING POROUS MICROPOROUS RUBBER-PLASTIC PIPES FOR UNDERGROUND IRRIGATION OF AGRICULTURAL PLANTS, CROPS AND LANDS.

Applicants & Inventors : (1) WAMAN GHANSHYAM DESAI & (2) PRADIP WAMAN DESAI.

Application No. 98 BOM 92 filed on 30-3-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

2 Claims

A process for manufacturing porous micro-porous rubber-plastic pipes for underground irrigation of agricultural plants, crops and lands comprises the steps of :

(a) grinding/pulverizing vulcanized rubber from waste rubber products of all kinds including waste scrap waste tyres of all kinds to pass through different mesh size varying from 5 to 200 IBS (Indian Bureau Standard) mesh;

(b) admixing 55-95% by weight of said pulverized mass of step (a) above with—

(i) 45-5% by weight of mass made by a combination of thermoplastic resins having low to high melting point and/or admixed with 5-15% by weight of known plasticizers depending upon the rigidity and flexibility for the micro-porous pipes;;

(ii) with addition of thermo-setting elastomers such as compounded natural synthetic rubbers such as 'SBR' (Styrene-Butadiene Rubber), 'Neoprene' (Poly Chloroprene Rubber), 'NBR' (Butadiene acrylonitrile Rubber), 'EPDM' (Ethylene Propylene Rubber) or the like and any other derivatives and blends therof;

(iii) with products called thermoplastic elastomers produced by blends of thermo-setting rubbers mentioned in (ii) above and thermoplastic resins known as plastics;

(c) extruding the mass of step (b) into pipe of desired dimensions;

(d) curing the extrudent of step (c) by known continuous/static vulcanization process, if compounded with curable thermo setting elastomers stated in (ii) above are used and if thermoplastic elastomers are used, no curing is required and only cooling the product of step (c) is required;

(e) allowing the product of step (d) to cool down to ambient temperature if the curing step is carried out and slitting the porous/microporous pipe into desired cut lengths;

(f) burying the cut lengths of porous micro-porous pipe of step (e) into soil to be irrigated at a depth varying from 15 cms, to one meter or more depending upon the agricultural plant requirements; and

(g) connecting the buried pipes to plumbing circuit connected to overhead tank or the like for underground irrigation such that the moisture absorbed from the sweating of said porous microporous pipes by capillary process and wherein the water in tank may be admixed with water soluble plant nutrients and or fertilizers for directly injecting into the plant roots through the sweating of the said porous micro-porous pipes.

(Comp. Speen. 11 pages Drgns. Nil)

Ind. Cl. : 140B$_3$ 173181

Int. Cl. : C 10 M-175/00.

A RECLAMATION PROCESS AND MORE PARTICULARLY A PROCESS FOR RECLAMATION OF SPENT LUBRICATING OILS FROM VARIOUS SOURCES.

Applicants : PENNWALT INDIA LTD., 507, KAKAD CHAMBERS, 132 DR. ANNIE BESANT ROAD BOMBAY-400 018, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

Inventors : 1. PERCY NARIMAN PASTAKIA & 2. SANDIP RAJANIKANT NABAR.

Application & Provisional Specification No. 69 BOM/1990 filed on 23-03-90.

Complete after provisional specification left on 20-06-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

03 Claims

A process for reclamation of spent lubricating oils, which comprises subjecting the spent lubricating oil to a step of a chemical treatment with 2-4% wt. by volume of at least one quaternary ammonium salt as herein described, with or without one or more reducing agents, such as hydrogen gas, sodium bisulphite or sodium metabisulphite in an amount of 5-10% by wt. of the said salt and thereafter, subjecting the thus chemically treated oil to a thermal treatment at temperatures in the range of 130°C to 145°C, followed by subjecting the treated used oil to centrifugation in order to recover the oil from the separated solid.

(Comp. Speen. 10 pages Drgs Nil sheet)
(Prov. Speen. 08 pages. Drgs Nil sheets.)

Ind. Cl. : 186 A [LXI(1)] 173182

Int. Cl. : H01P 1/18.

THE LINEARLY VOLTAGE CONTROLLED PHASE-SHIFT OF TRIANGULAR WAVE, WITHOUT USING ANY INDUCTOR CONDENSOR, GYRATOR, R.A.M./R.O.M. A.D.C./OR PHASE LOCK FOR DECIDING THE PHASESHIFT VALUE.

Applicants : VARTAK VILAS BHALCHANDRA 25, RAGHUNATH MAHATRE BHUVAN, OPP. "OM" BUNGLOW, JUNE AYRE ROAD, DOMBIVALI (EAST), TQ :—KALYAN DIST :— THANE, MAHARASHTRA, STATE, INDIAN NATIONAL.

Application No. 138/BOM 1990, filed May 25, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

3 Claims

An apparatus the linearly voltage controlled phaseshift of triangular wave, without using any inductor, condensor, gyrator, R.A.H./R.O.H./A.D.C. OR phaselockloop for deciding the phaseshift value comprising the input wave peaks heights detectors 1 to generate the peak D.C. voltages of the input wave, which are given to the phase controlling voltage generator. Which in turns gives out an adjustable phase controlled D.C. voltage to a waveforms generator and the said waveforms generator also take input wave and generates the different wave forms in same as well as inverted in shapes with respect to input wave as well as possessing the vertically up down shift in relating to the said D.C. phase controlling voltage and a switching sequence 4 generator which generates a selectable set of two sequence of switching signals, which are coinciding with the various crossover points of the different wave forms of the said waveform generator as well as the peak timing of the peaks of the input wave and this switching sequence operates the wave forms joining switches which joins the four different portions of four different said generated wave forms from the said above wave form generator to form a single wave such that this single wave is in phase lag or lead depends on the switching sequence selected and this phase shifted wave given to final output stage and removes the high frequency spiles/trienents from the above said jointed wave by using the amplifiers and the exchange switch to exchanges the input and the phase shifted wave at its two output

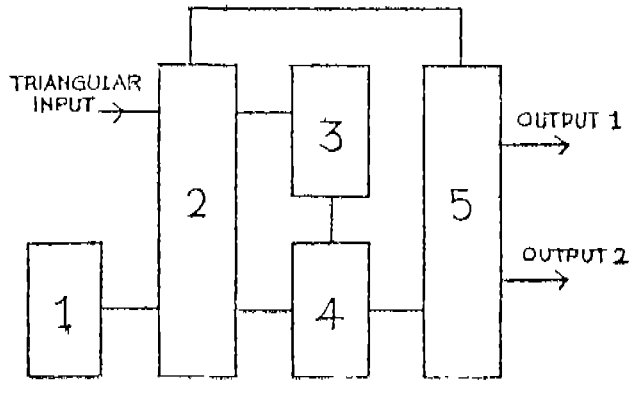


Fig. 1

Comp Specn. 5 pages; drgs. 2 sheets.
Prov. Specn. 4 pages; drgs. 1 sheet.

Ind. Cl.: 97 F [LIX (2)] 173183
F.

Int. Cl.: H05B-6/02, 6/10.

AN IMPROVED INDUCTION HEATER FOR HEATING OF BEARINGS AND OTHER RING-LIKE ARTICLES.

Applicant: CHARLES FEENEY, A BRITISH NATIONAL AT BUHLENT FARM, EZULWENI, SWAZILAND.

Inventor: TYLER GEORGE WILLIAM.

Application No. 302/BOM/1990 filed on 21-11-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

3 Claims

An improved induction heater for heating of bearings and other ring-like articles, comprises:

a clamp-like magnetically inductive ferrite core which opens to accommodate the articles to be heated, therewithin;

a primary winding provided on the said core; and

a source of high frequency electrical current, such as, a witch mode high frequency electric power supply, as herein described associated with the said primary winding.

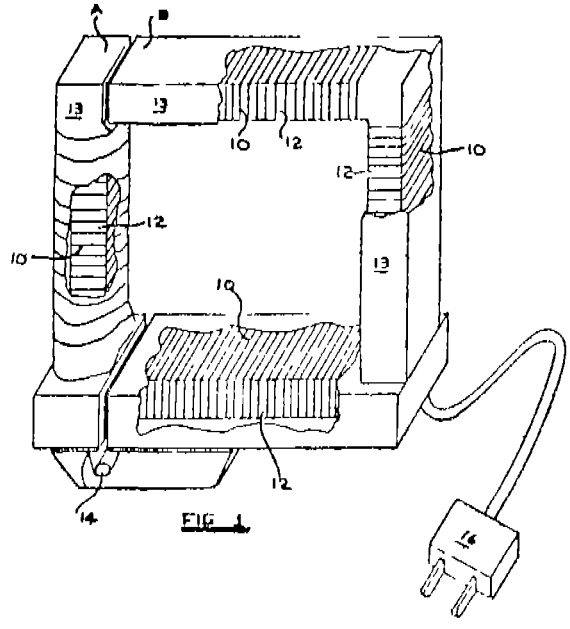


FIG. 1

Comp. Specn. 7 pages. Drawing 3 sheets.

Ind. Cl.: 173 B[XXIX(2)] 173184
188Gr. [XXXIII (9)]

Int. Cl.: B05 B—5/08

IMPROVED POWDER COATING BOOTH.

Applicants: INTECH EXPORTS PVT. LTD., ANAND TARANG, 17, SHIVPARVATI HOUSING SOCIETY, PAUD ROAD, PUNE-411038, MAHARASHTRA, INDIA.

Inventor: YASHWANT GOPAL GHAISAS.

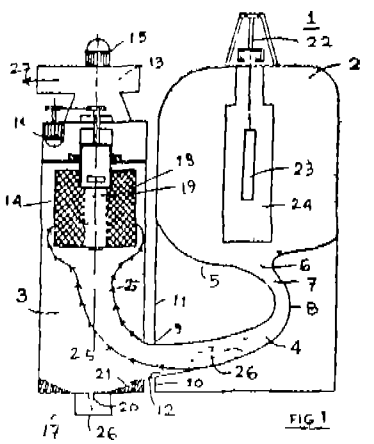
Application No. 123/BOM/91 filed May 3, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Branch, Bombay-13.

1 Claim

An improved powder coating booth comprising a powder coating chamber connected at its bottom to a powder recovery chamber through a duct, the said powder coating chamber being provided with a raised bottom having a sloping surface towards its middle portion, an opening provided in the said middle portion connecting thereto one end of the said duct, a construction being provided in the said duct below the said opening and followed by a bend, the said duct being extended into a sloping floor in the bottom of the powder recovery chamber; a blower unit mounted at the top of the said powder recovery chamber, suction end of the said blower unit being connected to a central perforated pipe of a rotating filter cassette drum mounted at the upper portion of the said powder recovery chamber, an individual prime mover being provided for rotating the said blower unit and the said filter cassette drum, a filter cloth being wrapped over the said filter cassette drum a conveyor being provided at the top of the

said powder coating chamber for suspending therefrom the article to be coated with powder, the upper portion of the powder coating chamber being provided with window like openings for the air to rush in during the powder coating process, an outlet being provided at the end of the said sloping floor for collecting over-sprayed powder.



Comp. Specn 8 pages; Drg. 1 sheet

Ind. Cl. : 45 A [II (1)] 173185

Int. Cl. : A 47 K—3/00.

IMPROVED BATH TUB.

Applicants : PHENOWELD POLYMER PRIVATE LIMITED, SAKI VIHAR ROAD, BOMBAY 400 072, MAHARASHTRA, INDIA.

Inventor : ADHAR SAHIJRAM MIRCHANDANI.

Application No. 165/BOM/1991 filed Jun 4, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

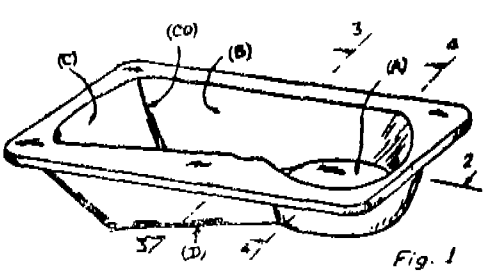
4 Claims

An improved bath tub having a sloping back rest (C) and sloping side surfaces (B) characterized in that the bottom surface of the bath tub is comprised of :

(a) a thigh resting region (D); and

(b) a shower region (A).

said thigh resting region formed of an upwardly extending sloped surface portion connected at one end to the lower edge of said back rest (C) and at its other end to said shower region (A), said shower region provided at a level above said lower edge of said back rest, said shower region (A) contiguous to said thigh resting region (D) and formed of a flat surface.



Comp. Specn. 8 pages; drgs. 1 sheet.

Ind. Cl. : 95 G&F [XLIII (2)] 173186

Int. Cl. : B 25 D-1 02; 1/00.

AN IMPROVED T COUPLING FOR SOFT FACED MALLET HEADS AND HANDLE THEREFOR.

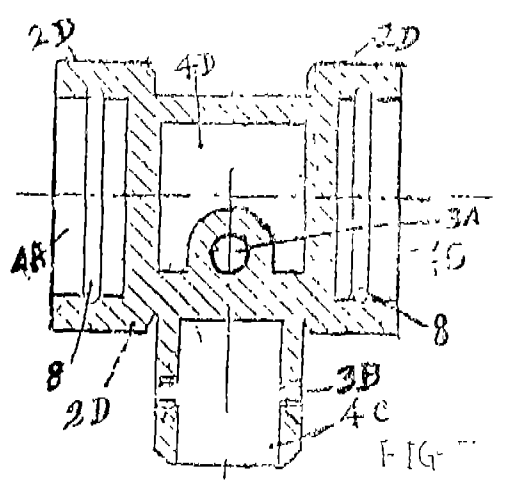
Applicant & Inventor : MOHSIN ISMAILBHAI MANSURI, AMAN, OPP. PARAS BAUG SOCIETY, KOCHARAB, BEHIND TAGORE HALL, ELLIS BRIDGE, AHMEDABAD-380006, GUJARAT, INDIA.

Application No. 301/BOM/1991 filed Oct 10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

5 Claims

An improved T-coupling for soft faced mallet heads and handle therefor comprising two half sections of metal substantially resembling a T-joint of pipe section, each half section consisting of two end sections opposite to each other and a third section perpendicularly projecting out from the middle portion, each of said two end sections being provided with an annular groove adapted for accommodating a lock ring provided in a peripheral groove in the shank portion of a mallet head, said third end section being provided with a threaded hole for passing therethrough a bolt or a screw for fixing a handle thereto, another threaded hole being provided in the middle portion of each of the said two half sections for passing therethrough a bolt or screw connecting the said half sections together after fixing the shank of said soft faced mallet heads in respective end sections.



Comp. Specn. 7 pages; Drg. sheets-3.

Ind. Cl. : 189 & 55 F 173187

Int. Cl. : A 61 K-7/26, 9/50.

METHOD OF MANUFACTURING AN ORAL COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, BACKBAY RECLAMATION, BOMBAY, 400 020, MAHARASHTRA, INDIA, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors : 1. SHEILA ELIZABETH FRANCIS.
2. FIONA JANE HUTCHINSON.
3. MALCOLM NORCLIFFE JONES.
4. IAN GARDNER LYLE.

Application No. 305 BOM/91 filed on 14-10-91

U.K. PRIORITY DATED 15-10-90.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

09 Claims

A method of manufacturing an oral composition including a benefit agent such as herein described active at a target location accessibly by topical application, the method comprising enclosing the benefit agent in microcapsules and providing said microcapsules with means for binding said microcapsules to an organic surface such as herein described at said target location

(Comp specn 17 pages Drgs Nil)

Ind Cl : 107 G, K [XLVI(2)] 173188
195 D, B, G, G1 [XXIX(3)].

Int Cl : F02C 9/50; F16 K-7/00.

GAS CONTROLLING DEVICE FOR USE IN INTERNAL COBUSTION ENGINE

Applicants & Inventor : ASHRAF YUSUF PALSANIYA, YUSUF SAUDAGAR BLDG; (GROUND FLOOR), 148, IMAMWADA ROAD BHENDI BAZAR, BOMBAY-400 009 MAHARASHTRA INDIA

Application No 28/BOM 1992, Filed JAN, 1992.

Comp after Provisional left on Jan 5, 1993.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

3 Claims

A gas controlling device for controlling the supply of gas in the internal combustion engine comprising a housing divided into two parts namely an upper part or a body and a lower part or a lid, each of the said body and the said lid being provided with matching peripheral holes and a hollow section being (1AA, 1BB) protruded out from the central outer surface of each of the said body and the said lid, a gas inlet nozzle (2) and a gas outlet nozzle (3) being rigidly fitted in the wall of the said body, a rod (6) having a disc (6A) at one end and a hole (6B) being provided in the said disc being fitted in the hollow protrued section (1AA of the said body, the said hole in the disc being partly in co-operation, with the inlet nozzle fitted in the said body, a valve cap (7) having an opening (7A) in its centre and enclosing the said disc being provided inside the said body in a leak-proof manner, a gasket washer (8) and a bush (9) being provided at the upper end of the said protruding section of the body around the said rod, a lock spring (10) with a lock washer (11) and a lock pin (12) being provided above the said bush on the said rod, one end of an arm rod (13) rod being connected to the free end of the said rod and the other end of the said arm rod being connected to an accelerator, the hollow protruded section (1BB) provided on the said lid being provided with female threads at its free end for engaging thereinto a plug nut, (5), a vacuum nozzle (4) being fitted on the side wall of the said hollow protruded section of the lid, a spring (15) being inserted in the hollow protruded section of the said lid, a diaphragm (14) being provided in between the said body and the said lid resting over the said spring provided in the hollow protruded section of the lid, the said body and the said lid being bolted together, the said gas inlet nozzle adapted to bt connected to the gas supplying source, the said gas outlet nozzle adapted to be connected to the carburettor of the said internal combustion engine and the vacum nozzle adapted to be connected to the air nozzle provided in the cylinder head of the internal combustion engine

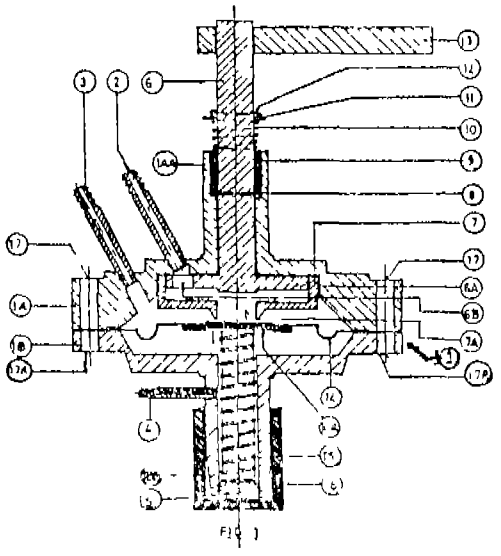


FIG. 1

Comp specification 9 pages, Drawing 1 sheet.

Prov. specification 6 pages; Drawing, 1 sheet.

Ind. Cl. : 170 D [XLIII (4)] 173189

Int Cl. : C 11 D—1/94

PROCESS FOR PREPARING DETERGENT COMPOSITIONS.

Applicants : HINDUSTAN LEVER LTD. 165-166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : (1) HUIG EUSER (2) PHILIP STEPHEN JACKSON (3) AMANDA JANE JEFFRLYS and (4) DAVID WILLIAM ROBBERTS.

Application No 111/Bom/1992 Filed APR 3, 1992.

U. K. convention date Apr 4, 1991.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13

9 Claims

A process for preparing a liquid detergent composition comprising an anionic surfactant and a nonionic surfactant and having a relatively low water content, whereby essentially equipment amounts of a neutralizing agent such as herein described and a liquid precursor such as herein described of the anionic surfactant are blended simultaneously in the presence of the nonionic surfactant

Complete specification 13 pages; Drawing Nil

Ind Cl. : 39 M [III] 173190

Int Cl CO 1 B - 25 28

A PROCESS FOR PRODUCING AMMONIUM POLYPHOSPHATE IN GRANULAR FORM AND AN APPARATUS THEREFOR

Applicants : RASHTRIYA CHEMICALS & FERTILIZERS LIMITED 'PRIYADARSHINI' EASTERN EXPRESS HIGHWAY, SION BOMBAY 400 022, MAHARASHTRA INDIA.

Inventors . (1) YENMAKAJE RAMAKRISHNA PAKKALA (2) MEENAKSHISUNDARAM KALYANARAMAN (3) DR. RAVI NARAYAN TRIVEDI (4) NARENDRA KUMAR SHARMA (5) VED PRAKASH AGGARWAL.

Application No 165/BOM/1992 FILED MAY 18, 1992

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13

6 Claims

An improved process for producing Ammonium Polyphosphate in granular form comprising the steps of

pumping of preheated phosphoric acid containing P_2O_5 to the bottom of a "L" shaped pipe rector as herein defined;

introducing gaseous ammonia at room temperature tangentially at the level above the hposphoric acid inlet;

maintaining the temperature at 230 to 235°C and the pressure at 3 2 to 4 0 Kg/cm^3,

spraying ammonium polyphosphate melt from the said reactor on the bed of recycled fine materials in the rotary granulator to have uniform curtain of falling fine materials throughout the area of cross section of the said granulator;

discharging the granulated material to a double deck screen, where the granulated materials of the final product size, oversize and fine materials are separated;

discharging the said oversize granulated materials to a crushing device for crushing and recycling into the said double deck screen,

feeding the said fine materials in the said screen into the said reactor, and

discharging the said final product size materials into a cooler

Comp Specn 15 pages, drgs 5 sheets

ALTERATION OF NAME AND ADDERESS UNDER RULE 103 OF THE PATENTS RULES, 1972

In pursuance of an application on form 52 filed on 12-1 94, the name and address of Principal Place of business of the Register of Patent Agents have been altered to

D. Sen & Co,
6, Old Post Office Street,
Ground Floor,
Calcutta-700001

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :-

(1)

161941, 161942, 161943, 161944, 161945, 161946, 161947 161948, 161949, 161950, 161951, 161952, 161953, 161954 161955, 161956, 161957, 161958, 161959, 161960, 161961, 161962, 161963, 161964, 161965, 161966, 161967,161968, 161969, 161970 161971 161972, 161973, 161974, 161975, 161976, 161977, 161978 161979, 161980

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161981 161982 161983 161984 161985 161986 161987 161988, 161989, 161990, 161991, 161992, 161993, 161994 161995, 161996, 161997, 161998, 161999, 162000 162001 162002 162003 162004 162005 162006, 162007, 162008 162009, 162010, 162011, 162012, 162013, 162014, 162015 162016, 162017, 162018, 162019, 162020

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PATENT SEALED

ON 28-1-1994

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170882	171814
171741	171816*
171743	171820*

CAL-17, MAS-12, BOM-08, DEL-05.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patent Act 1970 from the date of expiration of three years from the date of Sealing

D-DRUG PATENT, F-FOOD PATENT

REGISTRATION OF ASSIGNMENTS LICENCES ETC. (PATENTS)

Assignments, licences or other transaction affecting the interest of the patentee have been registered in the following.

The number of each case is followed by the name of the parties claiming interest :—

169591—BUHLMANN SA ,

RENEWAL FEES PAID

152194 152845 153043 153583 153732 153870 154585 154645 154679 154808 155610 155966 156495 156661 156694 156766 157022 157928 157929 157960 157973 158014 158029 158302 158304 158407 158982 159877 160050 160051 160962 161220 161230 161367 161368 161601 161606 161631 161679 161854 161901 161950 161983 162721 162722 162741 162747 162760 162823 163013 163014 163015 163227 163292 163294 163335 163404 163405 163427 163428 163431 163573 163602 163700 163891 164136 164259 164901 165023 165250 165362 165488 165598 165608 165941 165942 165943 165944 166026 166121 166132 166219 166298 166336 166506 166650 166710 166750 167350 167643 167650 167889 168128 168150 168206 168269

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170267 170268 170287 170297 170298 170311 170316 170319
170355 170363 170364 170369 170371 170394 170397 170420
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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration included in the entry.

Class 3. No. 165871. Manoj Seals and Locks, 507/4, Mohatta Market, 5th floor, Palton Road, Bombay-400001, Maharashtra, India, Sole Proprietory Firm. "Sealing device". July 15, 1993.

Class 3. Nos. 165921 & 165922. Eagle Flask Industries Pvt. Ltd., Indian Company at Talegaon 410507, Dist. Pune, Maharashtra, India. "Flask". July 26, 1993.

Class 3. No. 165950. Marico Industries Ltd., Indian Company of Rang Sharda, Kishenchand Marg, Bandra Reclamation, Bandra (W), Bombay-400050, Maharashtra, India. "Bottle". July 28, 1993.

Class 3. No. 165952. Lallubhai Amichand Ltd. of 48/50 Kansara Chawl, Kalbadevi Road, Bombay-400002, Maharashtra, India. "Handle for container". November 11, 1992.

Class 3. No. 165973. Three-N-Products (P) Ltd., Indian Company of Street No. 4, Ranjit Nagar, New Delhi-110008, India. "Cap". August 3, 1993.

Class 8. No. 165080. Imperial Exports, Indian Partnership Concern of 11 Kaiserbagh, Lucknow-226001, U.P., India. "Durrie (floor covering)". December 9, 1992.

Class 10. Nos. 165551 to 165557. Alert India, Partnership Firm of C/1, S.M.A. Industrial Estate, G.T. Karnal Road, Delhi-33, India. "Footwear". April 20, 1993.

Class 12. Nos. 165508 & 165509. Hindustan Lever Ltd. of 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India. "Soap". April 8, 1993.

Class 12. Nos. 165383 & 165384. Richie Rich Products, A-18, Ram House, Middle Circle, Connaught Place, New Delhi-110001, India, Indian Sole Proprietory Firm. "Toy Purse-Mouse made of Fabrics". February 26, 1993.

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Controller General of Patents Designs and Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रण, दिल्ली द्वारा प्रकाशित, 1994

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1994